



SWARC NEWS

Meeting Notes

SWARC held its monthly meeting on 4 June 2018 at the American Legion Post in Fuquay Varina.

Howdy Y'all

If you missed the monthly meeting then you missed out on a good time. The pizza was well done and Miss Rose brought along a goodly portion of her famous cheese cake which she said I had to share.

Since this was the night of the elections we had a busy meeting. There were a lot of threats thrown around in order to get people to serve in the elected office. Actually we have a great group of officers coming in to replace the group leaving us is the following

President

Jason Upchurch – KM4PFV

Vice President

Brian Knox – KK4BK

Secretary

Nancy Butterfield – KM4KUT

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Steve Mowels – KA0GMY

Member-At-Large

Jim Young – K9RII

Member-At-Large

John Cook – N4RMV

Membership Chair

Ryan Avery , NC4RA

NET MANAGER

Jonathan – W1JCA

Special Events Director

Gino Fernandini – KI4YXO

Public Service Director

Tim Ruffin – W4TAR

Mike Ramsey – KD4OKR

Chris Picar - K4CLP

Our new officers are

President

NET MANAGER

Mike Gaither – K4MWG

Vice President

Brian Knox – KK4BK

Secretary

Joe Pittman – KM4YTF

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

David Sosnin – N4TTN

Member-At-Large

Al Crawford Jr – WA4TCJ

Membership Chair

Ryan Avery , NC4RA

Jonathan – W1JCA

Special Events Director

Gino Fernandini –KI4YXO

Public Service Director

Mike Ramsey – KD4OKR

We wish to express a thank you to the outgoing Board of Directors and thank them for the wonderful job they have done over the past year.

Other business a suggestion was made to donate \$500.00 to the legion to help speed along the building.

There was also a suggestion made to give another \$500.00 to Danny K4ITL for repeater support.

South Wake Amateur Radio Club Treasurer Report			
May 2018			
Club Addition and Reduction Activity			
Additions			
50/50	32.75	cash	
T-shirts	60.00	cash	collection for sale of Field Day t-shirts
Meal	75.00	cash	collection for meal
Dues	7.50	check #1019	Richard Hall (K7RLH)
Total Additions	82.50		
Reductions			
Meal cost	183.44	check #1660	reimbursed David Sosnin (N4TTN) \$97.91+\$76.58+\$8.95
Ticket Roll	7.00	cash	reimbursed Christine Fernandinig (KJ4AEO)
Total Reductions	190.44		

RBC Bank Account Activity			
Balance as of 05/07/2018	3178.80		
Addition	82.50		
Reduction	190.44		
Balance as of 06/04/2018	3070.86		
			Christine Fernandini KJ4AEO 06/04/2018

NET Report

***No NET Report has been submitted there is nothing to report
other than NETs were held.***

***Our NET Whip is working on the problem. Please we ask that
all net reports be sent to Jonathan at
sharpsburg1130@gmail.com***

A big thank you to Jonathan for stepping up.

***Jonathan, W1JCA is on the lookout for new net control
operators. If interested please contact Jonathan, W1JCA.***

Membership Report

Ryan, NC4RA informed us that we currently had 108 members.

Public Service

Vice President

Nothing to report

Next Meeting

The next meeting will be July 2, 2018. Dinner will start at 6 pm. Meal will be pot luck. Be sure to sign up and let us know what you are bringing. This way we cut down on duplicates. The program at this meeting will be FM Digital Hotspots presented by Mike Callam KD4MC.

BOARD OF DIRECTORS

Appointed Positions

President

Jason Upchurch – KM4PFV

Vice President

Brian Knox – KK4BK

Secretary

NET MANAGER

Jonathan – W1JCA

Special Events Director

Gino Fernandini – KI4YXO

Public Service Director

Nancy Butterfield – KM4KUT

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Ryan Avery , NC4RA

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Mike Ramsey – KD4OKR

Chris Picar - K4CLP

Reverse Beacon Network Beta Testing Separate Spot Stream for FT8

06/12/2018

As a beta test, the popular Reverse Beacon Network (**RBN**) **has announced** that it's now offering a separate telnet feed for FT8 spots (telnet.reversebeacon.net port 7001), in addition to the current spot feed (telnet.reversebeacon.net port 7000), which will be repurposed to handle only CW and RTTY spots. In addition, a beta version of *Aggregator* Version 5 that can handle FT8 spots received from *WSJT-X* will be available on the RBN website, with instructions on how RBN node operators can configure their nodes to spot FT8 call signs on one or more bands; this will not interfere with the ability to spot CW and RTTY call signs, the RBN team assured in its announcement, explaining its reasoning for the move. The beta test follows a limited alpha test aimed at getting a feel for the spot load and other implications of carrying FT8 spots on the RBN.

"The most striking characteristic of FT8 spots is their sheer quantity," the RBN announcement said, citing weekday statistics from May 23 and 24 when FT8 spots represented 86% and 87% of all spots, respectively, while CW spots were 13% and 14%, respectively, and RTTY spots were below 1%. Throughput on both days totaled some 30,000 spots.

"Whether due to the startling popularity of the new mode, or to the ability to spot stations at 22 dB below the noise level, it seems obvious that adding FT8 spots to our spot flow could have a huge impact on the infrastructure of the RBN," the RBN announcement said. "These numbers suggest that if only 20 – 30 RBN nodes added FT8 spots, those spots could outnumber the total CW and RTTY spots being delivered by the 140 – 150 nodes currently active on the network, doubling the total required throughput."

The RBN team said it wanted to find out whether RBN servers would be up to the task before the fall contest season. "Operators of 'retail' DX clusters are encouraged to offer the option of RBN spots with and without FT8 spots, as they now often give users a choice between spot streams with and without *Skimmers* spots, and to advertise when they begin to carry FT8 spots," the announcement said.

A beta version of *Aggregator* Version 5 that can handle FT8 spots received from *WSJT-X* will be available on the RBN website, along with instructions on how RBN node operators can configure their nodes to spot FT8 signals on one or more bands.

“We will closely monitor how the RBN servers handle this new load, as more and more nodes begin sending FT8 spots,” the announcement said, adding that the RBN reserves the right to take any necessary steps to protect the core mission of the RBN, including shutting off the FT8 stream on major CW and RTTY contest weekends or discontinuing FT8 spotting altogether. Even then, *PSKReporter* would continue to carry FT8 spots, the announcement pointed out.

“We hope we’re not doing this in a vacuum,” the RBN team said, noting that it’s been collecting the views of contesters and DXers, “and we think that we’re headed in the right direction.”

The RBN team consists of KM3T, N4ZR, PY1NB, SV3SJ, and W3OA.

Sweden’s SAQ Announces Annual Alexanderson Day VLF Transmission on July 1

06/14/2018

Sweden’s **World Heritage Grimeton Radio Station SAQ** Alexanderson alternator **will be on the air** on July 1 on 17.2 kHz for its annual Alexanderson Day transmission. Three transmissions are scheduled: Startup/tuning at 0815 UTC, message transmission at 0845 UTC; startup/tuning at 1015 UTC, message transmission at 1045 UTC, and startup/tuning at 1215 UTC, message transmission at 1245 UTC. All three transmission events will be **available via YouTube**. Amateur Radio Station SK6SAQ will be active on CW (7.035 MHz or 14.035 MHz) or SSB (3.755 MHz), with two operating positions planned. Send reports to SAQ and SK6SAQ **via email** or the bureau. The World Heritage Grimeton Radio station site will be open to the public on Alexanderson Day.

Canadian Radio Amateurs Petition Parliament to End Deliberate Interference

06/12/2018

Radio Amateurs in Canada — primarily in the Province of Quebec — have mounted a **petition drive** demanding that members of the House of Commons prompt decisive regulatory action against a Quebec resident who has been causing deliberate interference. The petition does not spell out the particulars of the allegations but says the alleged offender — apparently unlicensed — is already known to authorities. Petitioners claim that the individual’s “malicious intentions” have been “threatening the security of emergency radio communication in the province,” and they called upon Parliamentary lawmakers “to ensure the security” of HF radio communication.

“For 2 years, a Nicolet resident, near Trois-Rivières [Quebec], illegally set up a transmitting radio station and is generating interference on purpose,” the petition recounts. “Amateur Radio operators in Quebec have identified the illegal radio station and brought it to the attention of Innovation, Science and Economic Development (ISED) Canada, and its inspectors seized the individual’s radio equipment.” One of ISED’s functions is telecommunications regulation.

According to the petition, the alleged offender “acquired new equipment right away and returned to jamming the airwaves.” The petition identifies the alleged offender as a male who is “known to police in Nicolet and Trois-Rivières” and “has regular encounters with the law.”

“We are calling on the government to provide more support to the Department of Innovation, Science and Economic Development Canada, so that it can intervene more decisively in this matter,” the petition declared.

Radio Amateurs of Canada (**RAC**) — the country’s national Amateur Radio organization — was noncommittal. “While we have not had a chance to investigate the specific details of the incidents [that] the petition refers to, we agree with the importance of acting to support the security of high frequency communications,” RAC said this week. As of June 12, the online petition had gathered more than 625 signatures, primarily from Quebec and Ontario. Canada has more than 50,000 Amateur Radio licensees.



SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS *(if you have other links you want added then send them to me)*

PRN

A Wide Area Digital Amateur Radio Network www.ncprn.net

GigaParts www.gigaparts.com

QRZ www.qrz.com

Ham Radio Outlet HRO www.hamradio.com

Raleigh Amateur Radio Society RARS www.rars.org

Johnson Amateur Radio Society JARS www.jars..net

South Wake Amateur Radio Club SWARC www.southwakearc.com

A Few Pictures from the Meeting









